

## Report of Analysis

|                    |                      |                 |          |
|--------------------|----------------------|-----------------|----------|
| Client:            | PSEG                 | Date Collected: | 06/20/25 |
| Project:           | Aubudon Gas District | Date Received:  | 06/20/25 |
| Client Sample ID:  | AUD-1623             | SDG No.:        | Q2391    |
| Lab Sample ID:     | Q2391-01             | Matrix:         | TCLP     |
| Analytical Method: | 8260D                | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                    | Units:          | mL       |
| Soil Aliquot Vol:  |                      |                 | uL       |
| GC Column:         | RXI-624              | ID :            | 0.25     |
| Prep Method :      | SW5035               | Level :         | LOW      |
|                    |                      | Final Vol:      | 5000     |
|                    |                      | Test:           | TCLP VOA |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN087190.D        | 1         |           | 06/26/25 13:26 | VN062625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 75-01-4                   | Vinyl Chloride         | 0.0050 | U         | 0.00026  | 0.0050     | mg/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 0.0050 | U         | 0.00023  | 0.0050     | mg/L    |
| 78-93-3                   | 2-Butanone             | 0.0083 | J         | 0.00098  | 0.025      | mg/L    |
| 56-23-5                   | Carbon Tetrachloride   | 0.0050 | U         | 0.00025  | 0.0050     | mg/L    |
| 67-66-3                   | Chloroform             | 0.0050 | U         | 0.00025  | 0.0050     | mg/L    |
| 71-43-2                   | Benzene                | 0.020  |           | 0.00015  | 0.0050     | mg/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 0.0050 | U         | 0.00022  | 0.0050     | mg/L    |
| 79-01-6                   | Trichloroethene        | 0.0050 | U         | 0.000090 | 0.0050     | mg/L    |
| 127-18-4                  | Tetrachloroethene      | 0.0050 | U         | 0.00023  | 0.0050     | mg/L    |
| 108-90-7                  | Chlorobenzene          | 0.0050 | U         | 0.00012  | 0.0050     | mg/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 59.9   |           | 74 - 125 | 120%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 58.6   |           | 75 - 124 | 117%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 52.9   |           | 86 - 113 | 106%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 54.3   |           | 77 - 121 | 109%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 156000 | 8.23      |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 291000 | 9.106     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 265000 | 11.865    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 130000 | 13.788    |          |            |         |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products